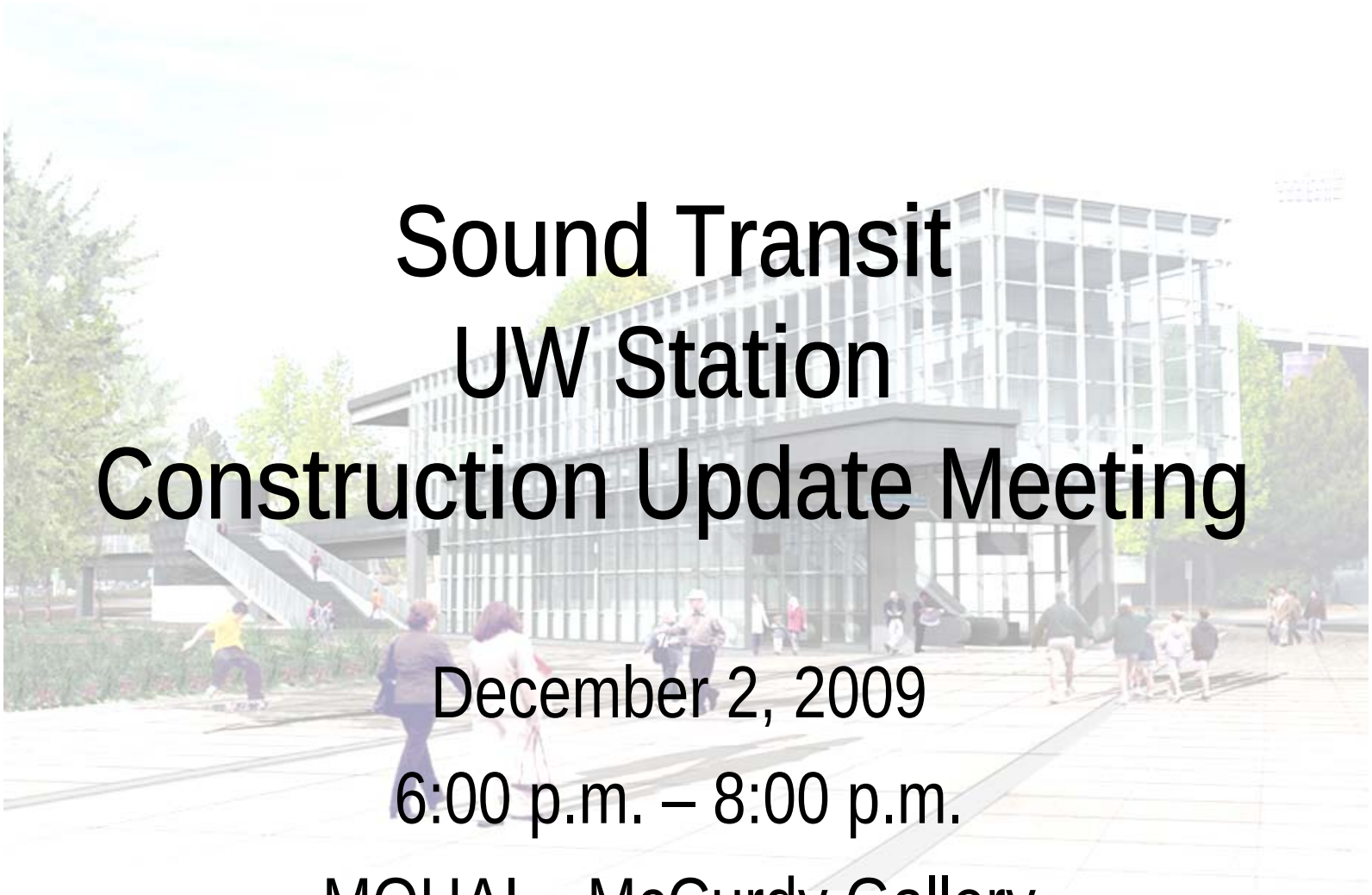


Sound Transit
UW Station
Construction Update Meeting

December 2, 2009

6:00 p.m. – 8:00 p.m.

MOHAI – McCurdy Gallery

SOUNDTRANSIT
RIDE THE WAVE

Agenda

6:00 p.m. – Open House

6:30 p.m. – Presentation

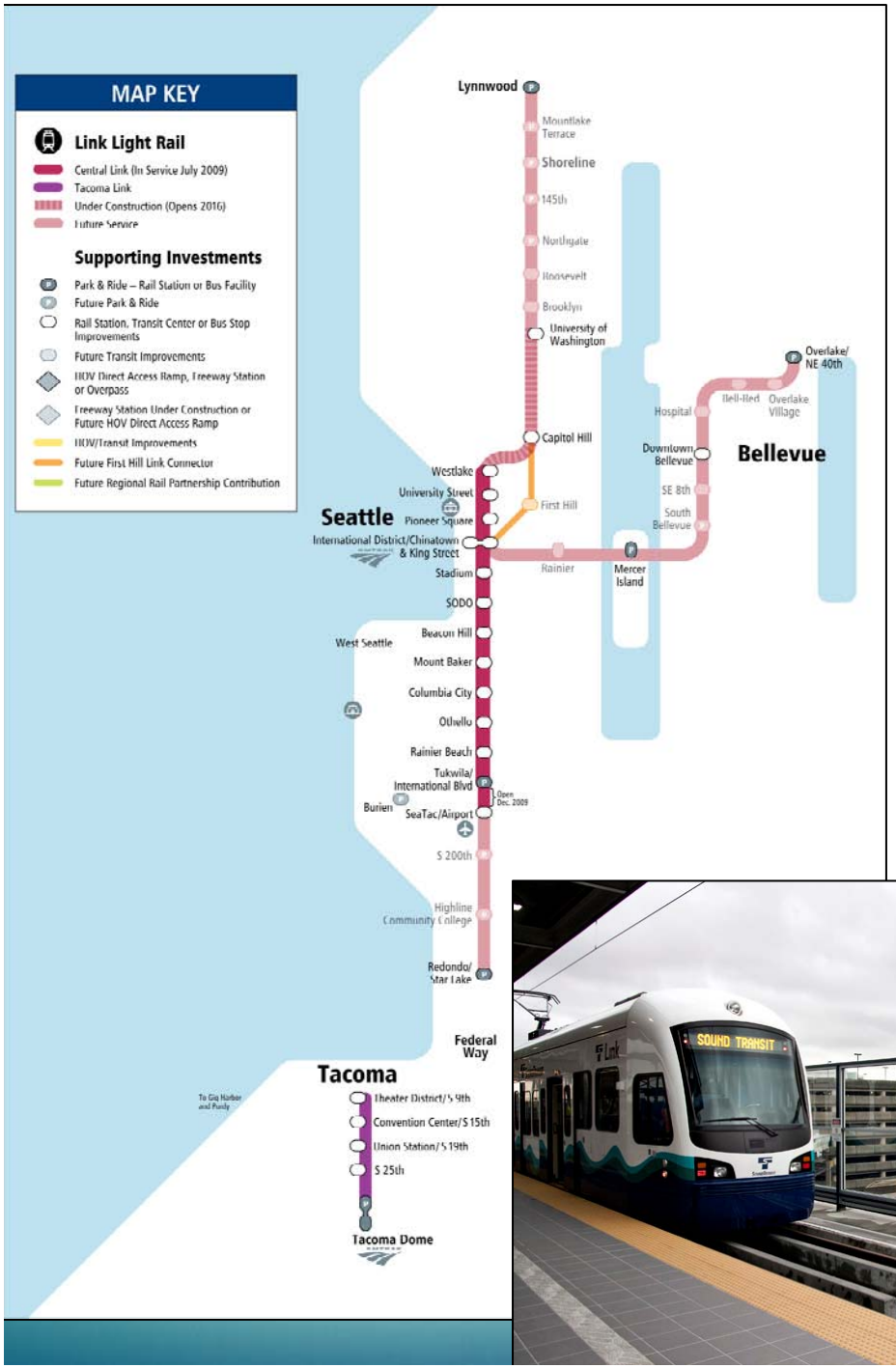
- Welcome and Introductions – Tracy Reed, UW Station Project Manager
- Overview of UW Station
- Construction Sequence – Jeff Munnoch, U-Link Community Outreach
- What to expect in the next 6 months
- Q&A

- Rainier Vista Plan – Andy Casillas, UW Capital Projects
- Q&A

7:45 p.m. – Return to Open House

Central Link

- 14 miles opened in July
- SeaTac airport service begins December 19



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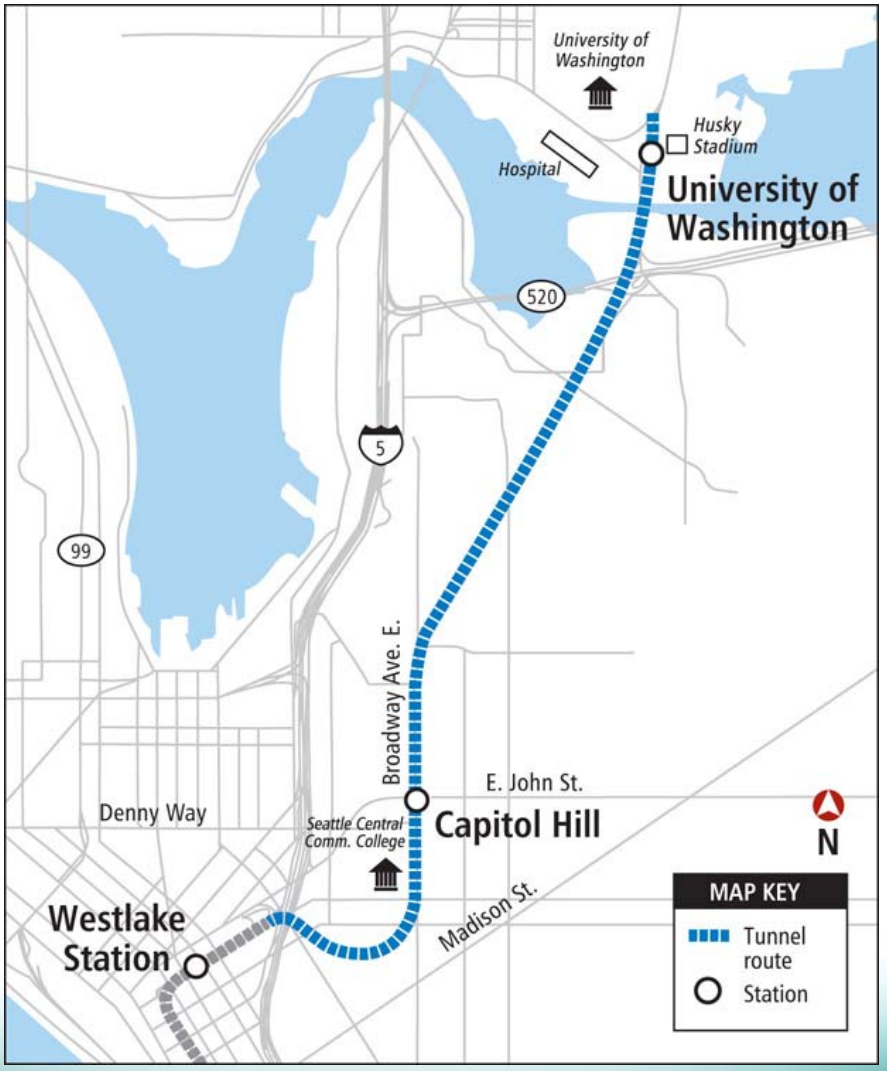
University Link



3.15-mile light rail extension

- Capitol Hill Station
- UW Station

Schedule

Design: 2007-2008

Construction: 6.5 years

System testing: 6 months

Open for Service: 2016

Adds 70,000 daily riders,
114,000 system wide (2030)

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UW Station – What's New

- Completed advance utility work
- Contractor hired / Detailed work plans
- Outreach to stakeholders
- Night-time noise permit application
- Rainier Vista Plan

UW Station

- Underground station located adjacent to Husky Stadium
  - Pedestrian bridge included providing access to campus above both arterials and bike trail
- Travel Time:
  - 6 minutes to Westlake
- 25,000 daily boardings
  - 70% of riders would use bridge
  - Escalators, elevators, stair and bike access
  - Separation from Burke Gilman required

- Final Design began in 2007
- Held several public design review meetings
- UW Regents approved station and bridge design in November 2008
- City Council approved bridge permit in April 2009

Site plan

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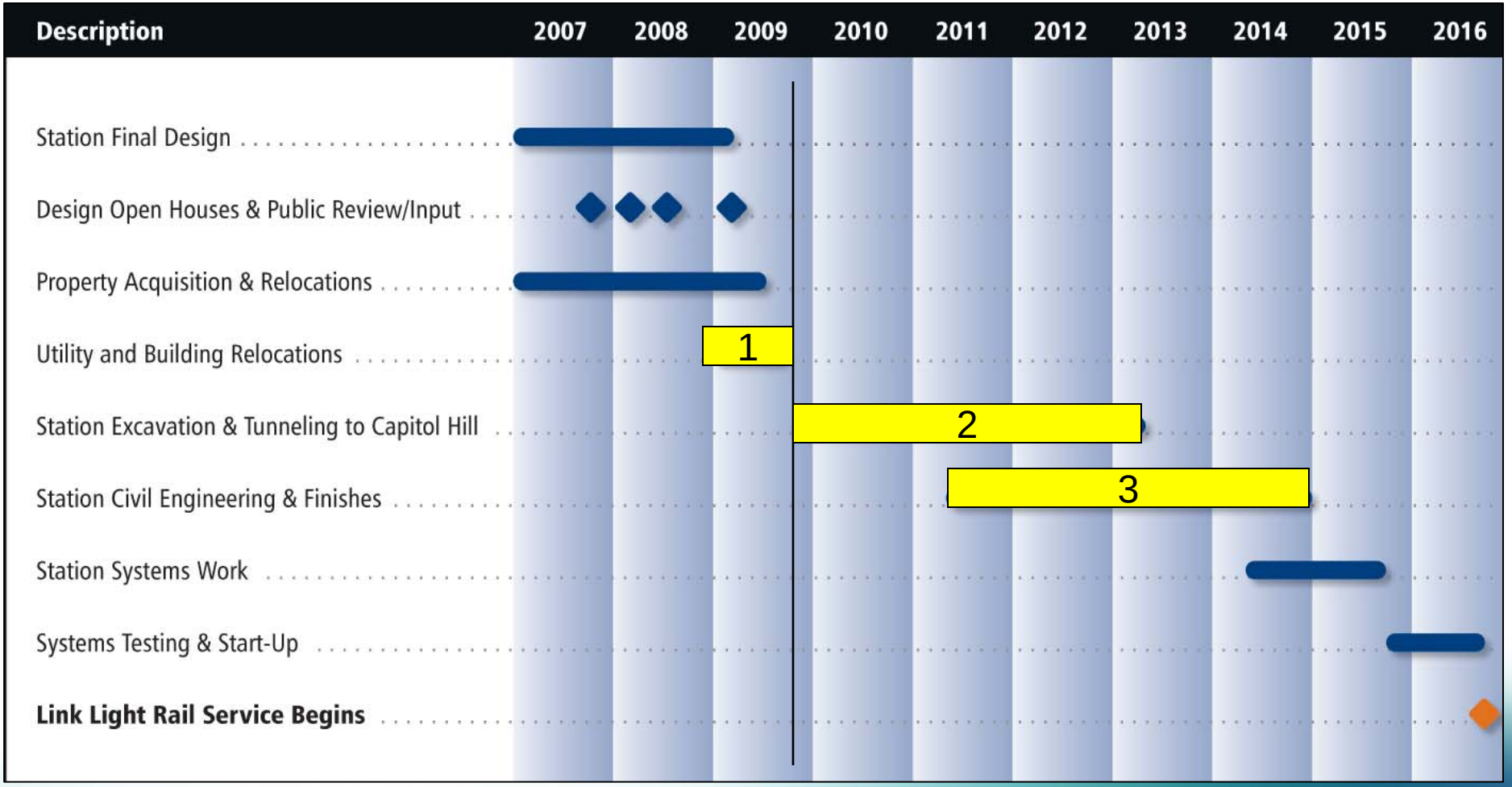
UW Station Status & Schedule



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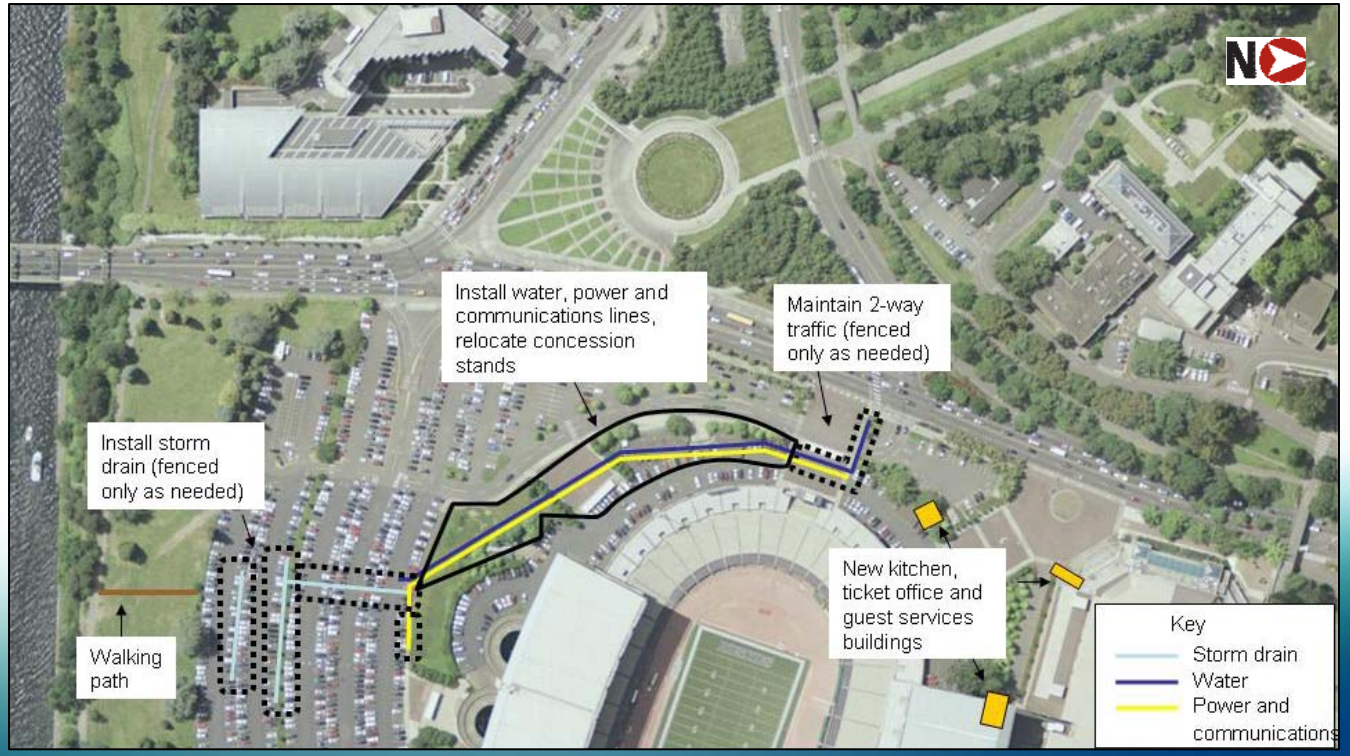
1. Utility Relocation

2008-2009

- Relocated water and power utilities near Husky Stadium
- Installed storm drain
- Demolished and replaced stadium concession, ticket, restroom buildings


N
Install water, power and communications lines, relocate concession stands
Maintain 2-way traffic (fenced only as needed)
Install storm drain (fenced only as needed)
Walking path
New kitchen, ticket office and guest services buildings
Key
Storm drain
Water
Power and communications

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2. Excavation / Tunneling

2010 - 2013

- Prepare site, build roads and utilities
- Build station walls, excavate crossover ‘box’
- Construct tunnels to Capitol Hill Station

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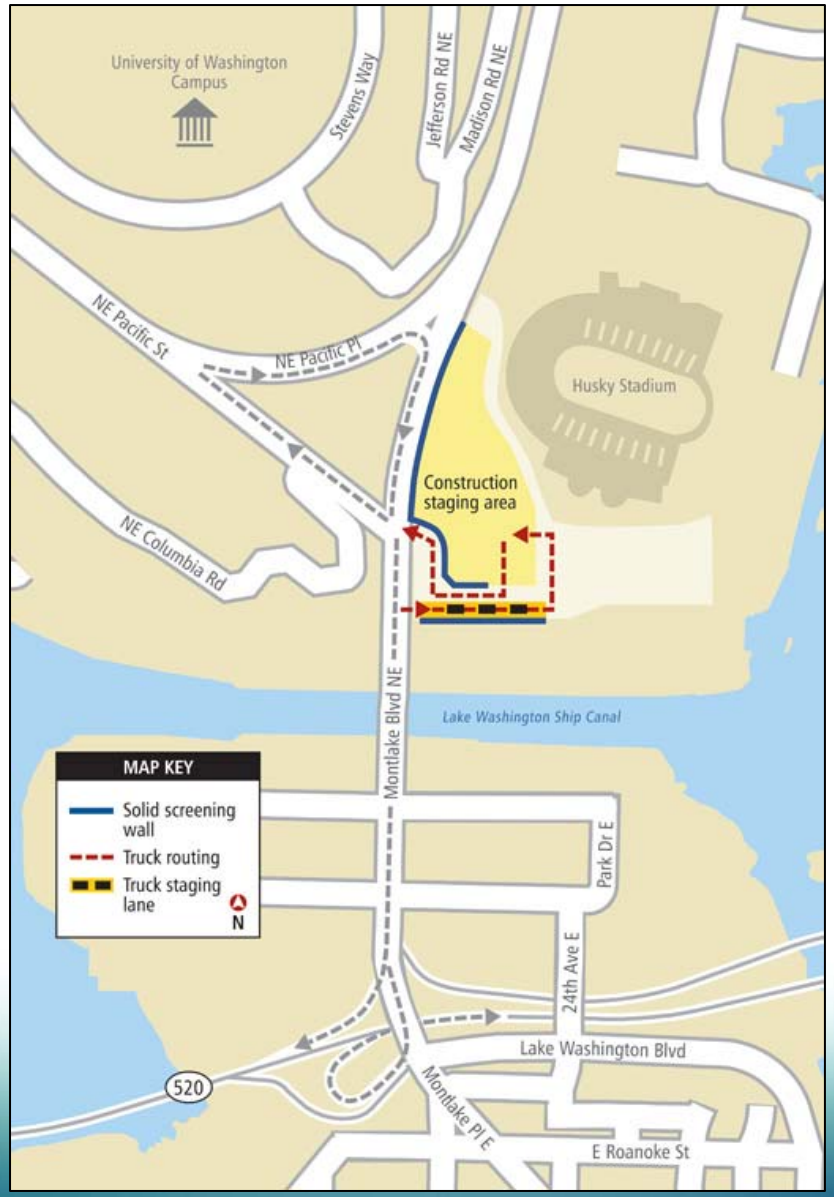
Truck Haul Routes



- Haul route determined by City of Seattle
- Day and night-time hauling
  - Managed at traffic signal
- Night trucking starts in August 2010

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Night-Time Work

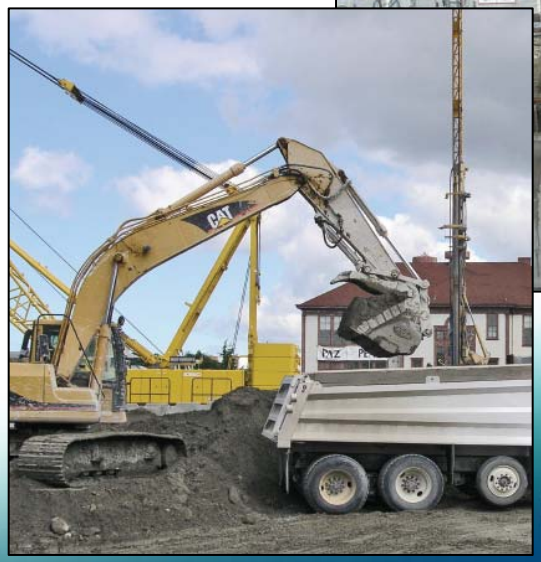
- Certain activities are required for tunnel worker safety
- Maximizes project safety, efficiency, duration and cost
- Maximum increase of 6 dbA above existing
- 24 months of 24/7 construction activity

What Goes on at Night?

<u>Type of Equipment</u>:

- Tunnel ventilation fans, pumps, air compressors
- Generator
- Vehicles
  - hauling and delivery trucks
  - muck haul trucks
  - front-end loaders, backhoe
  - loaders, excavators

- **No high impact equipment (jackhammers, concrete saws, etc.) will be allowed at night**



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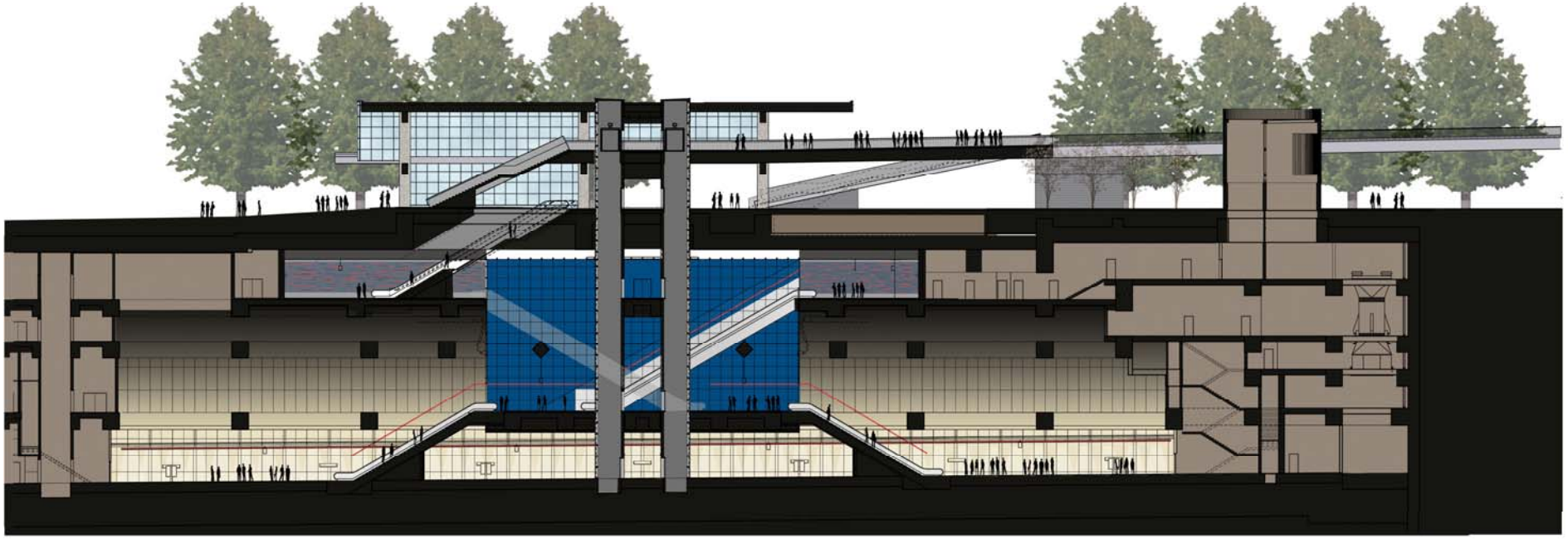
Noise Mitigation

- Solid construction wall
- Stationary equipment (compressors, generators) enclosed in noise reducing material
- Night-time truck operations
  - No tonal back up alarms
  - Engine idle limit of 5 minutes
  - No compression brakes
  - Muck haul bins lined with noise dampening material

3. Station Construction

2011-2015



- Build station mezzanine levels, entrances, plaza, bridge
- Restore University parking lot and stadium gates

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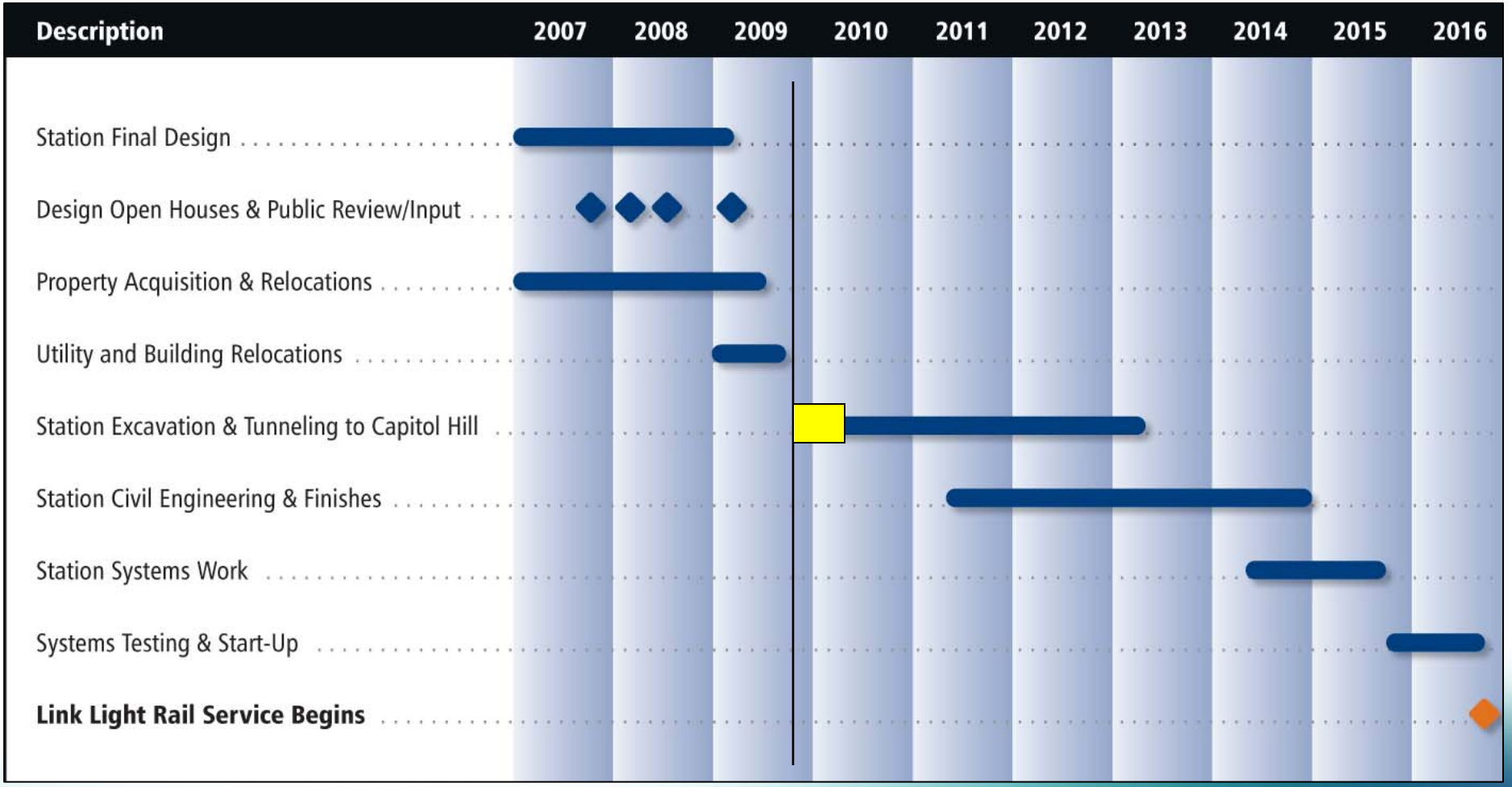
6 Month Look Ahead



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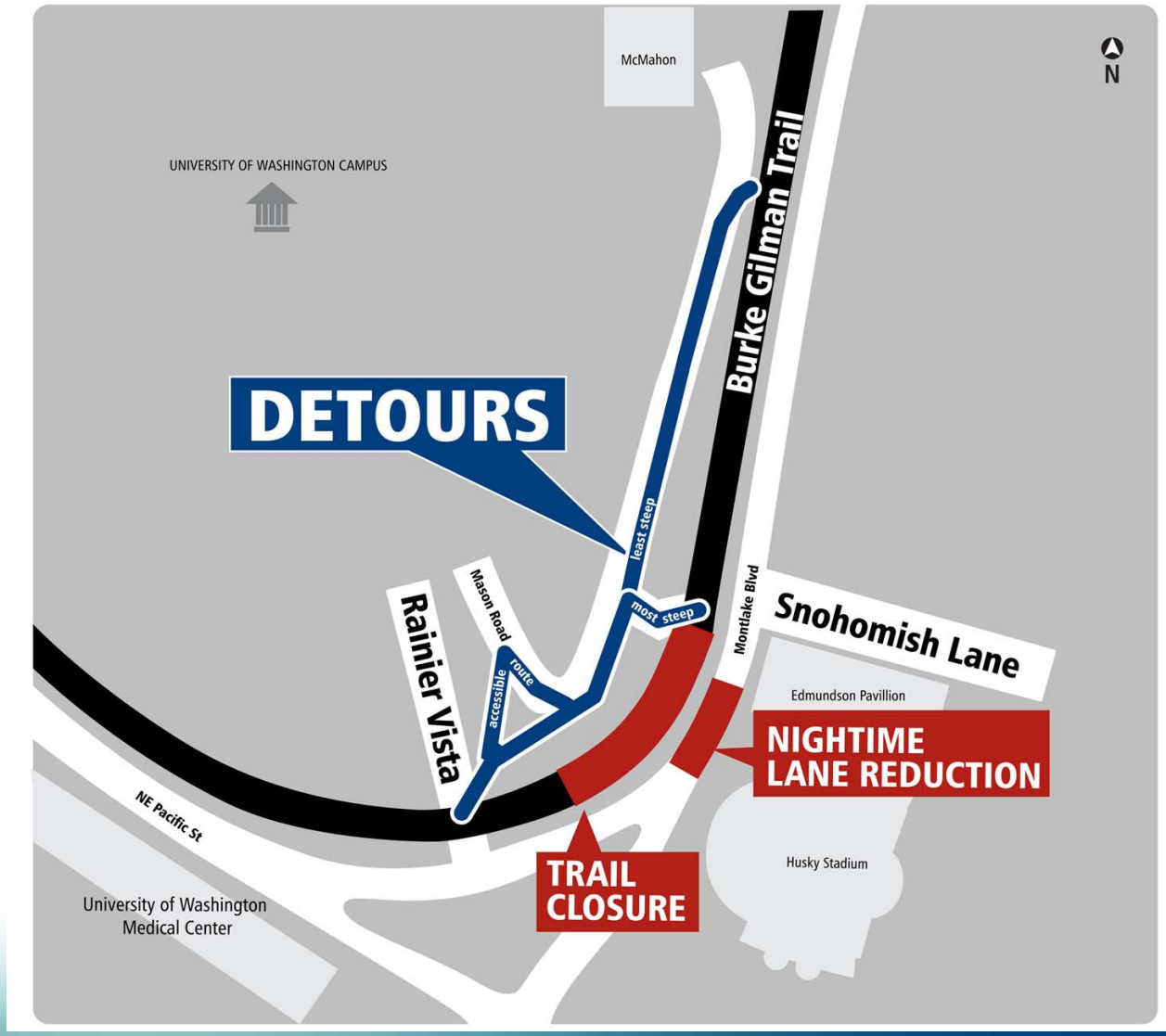
Burke Gilman Trail / Montlake Partial Closures

Dec. 14 - Jan 3



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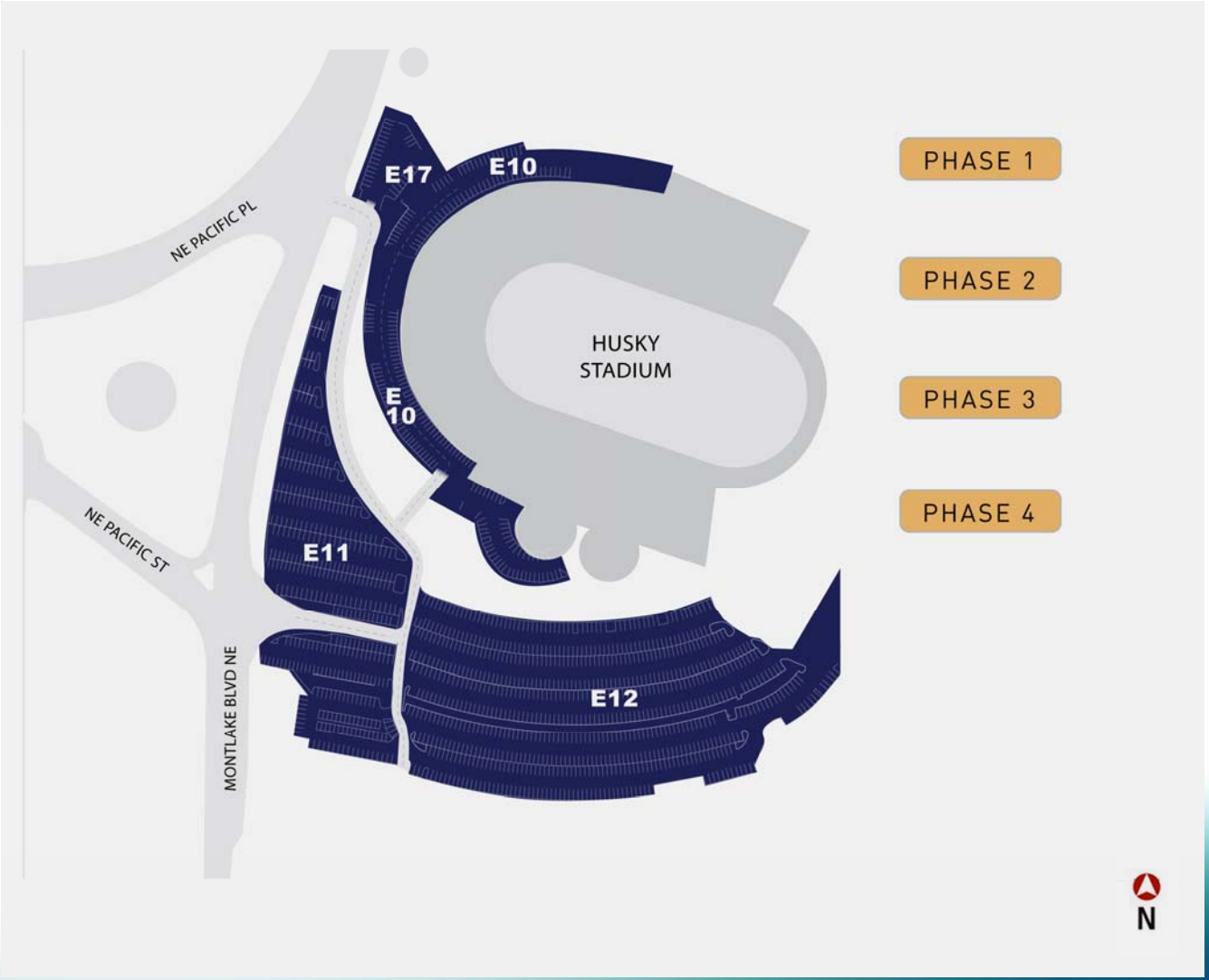
Existing Conditions



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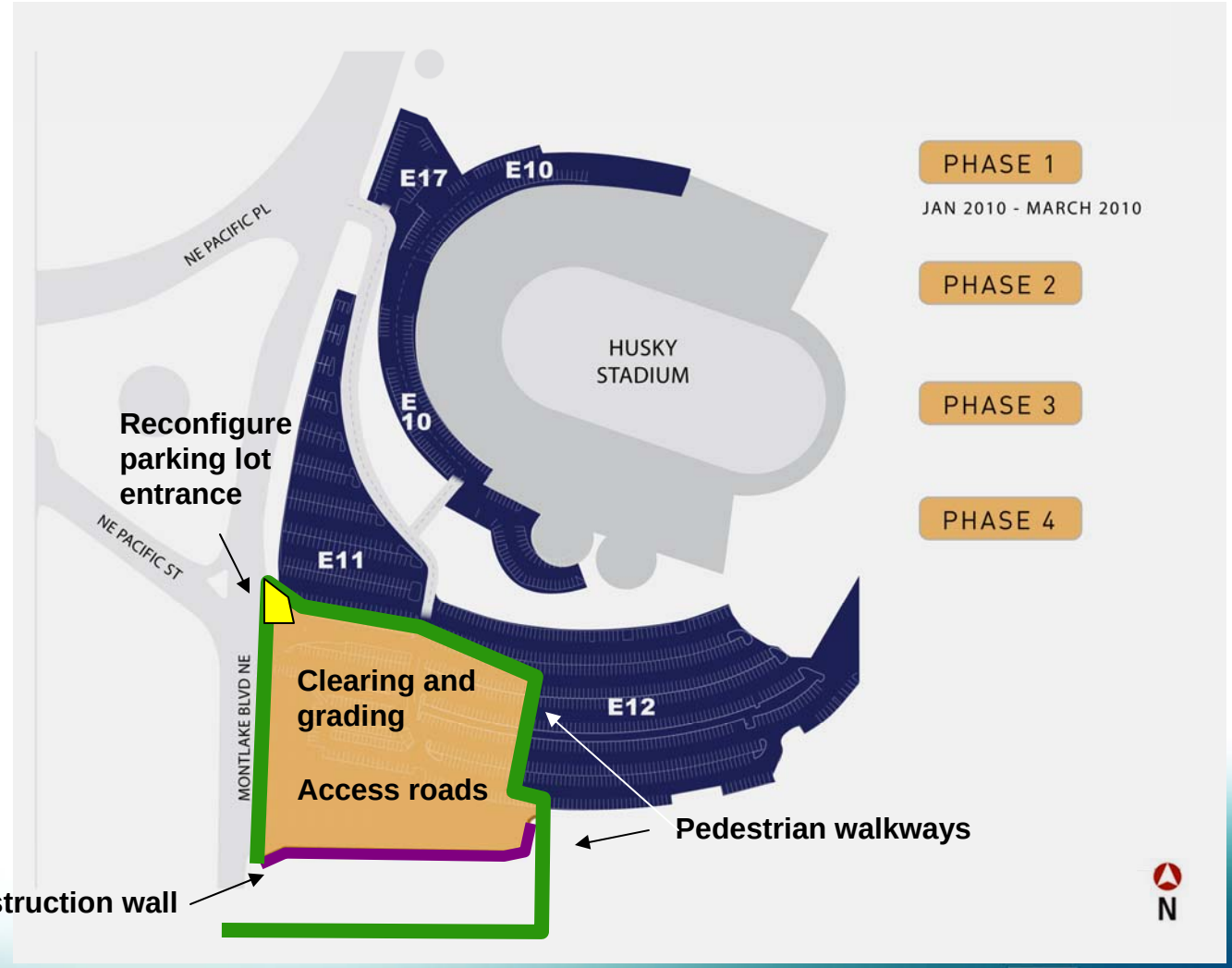
Phase 1

January 2010 to March 2010



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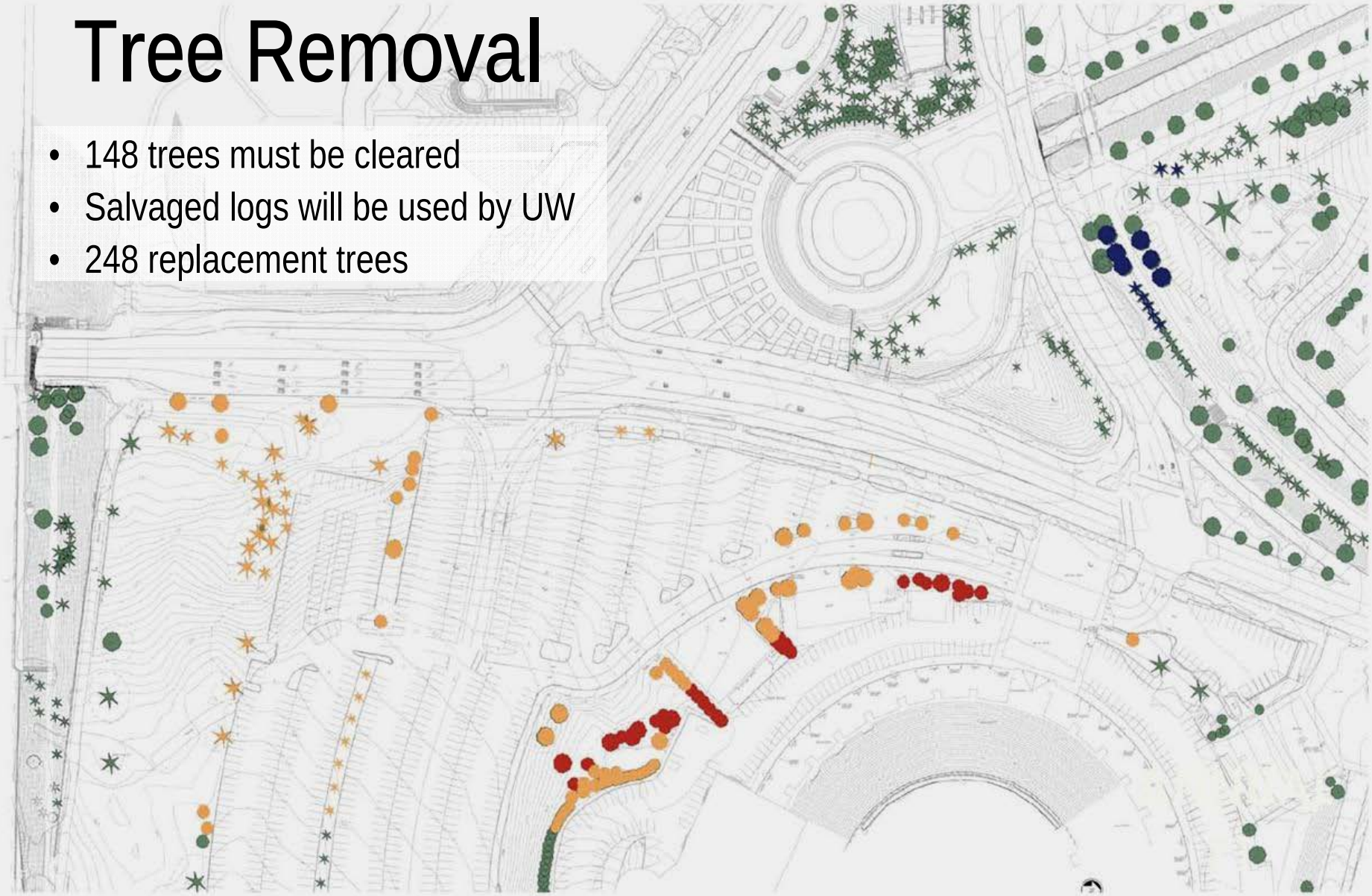
Tree Removal

- 148 trees must be cleared
- Salvaged logs will be used by UW
- 248 replacement trees



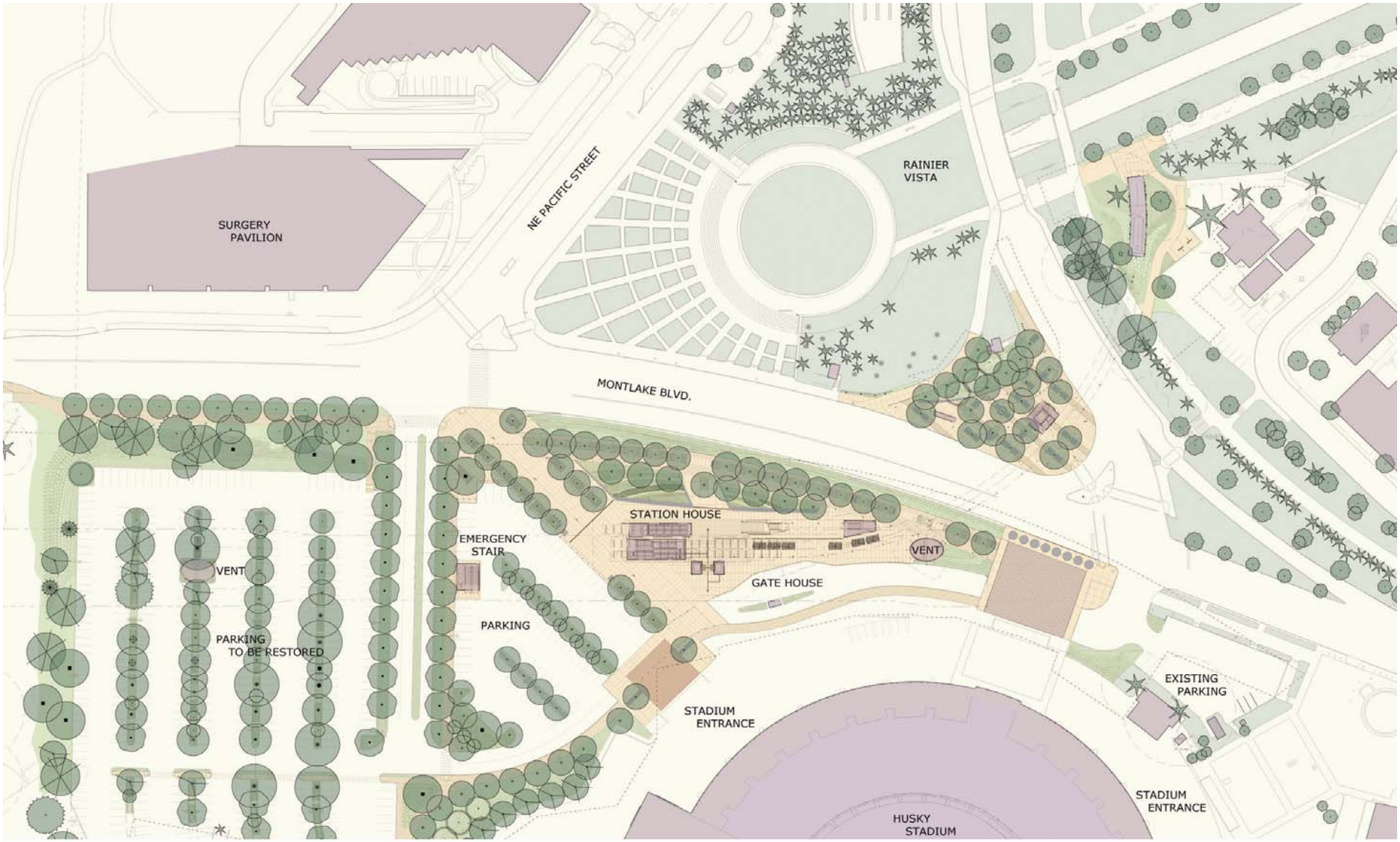
Trees removed during utility relocation (U210)

Trees removed during tunneling and excavation (U220)

Trees removed during station construction (U250)

Trees not affected by construction

Final Landscaping



PLANTING OVERVIEW PLAN

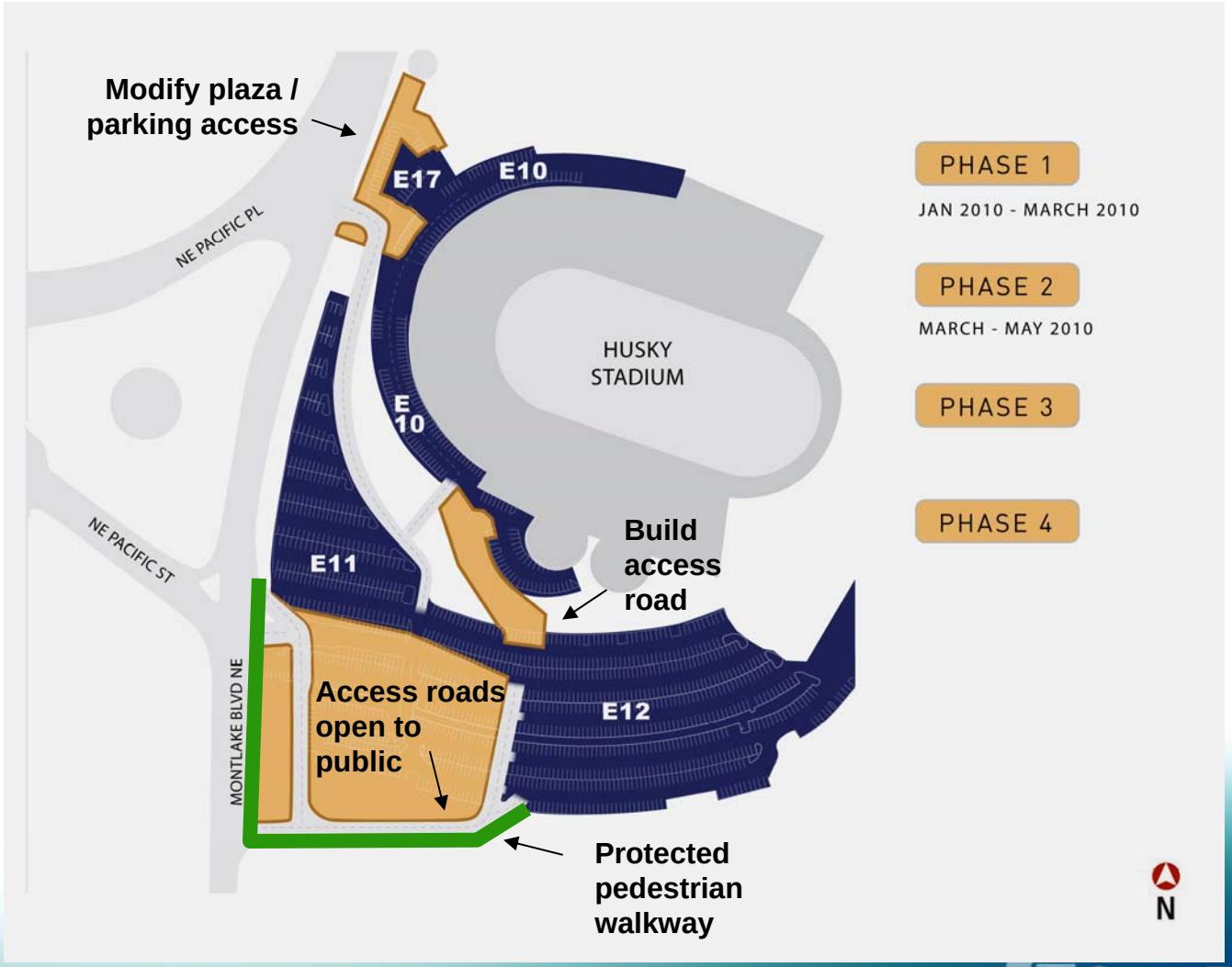
Construction Walls

- Surround the site on south and west sides
- 8 to 22 feet high, plywood construction
- Help contain noise, dust, and debris
- Graphics on wall

Site Grading

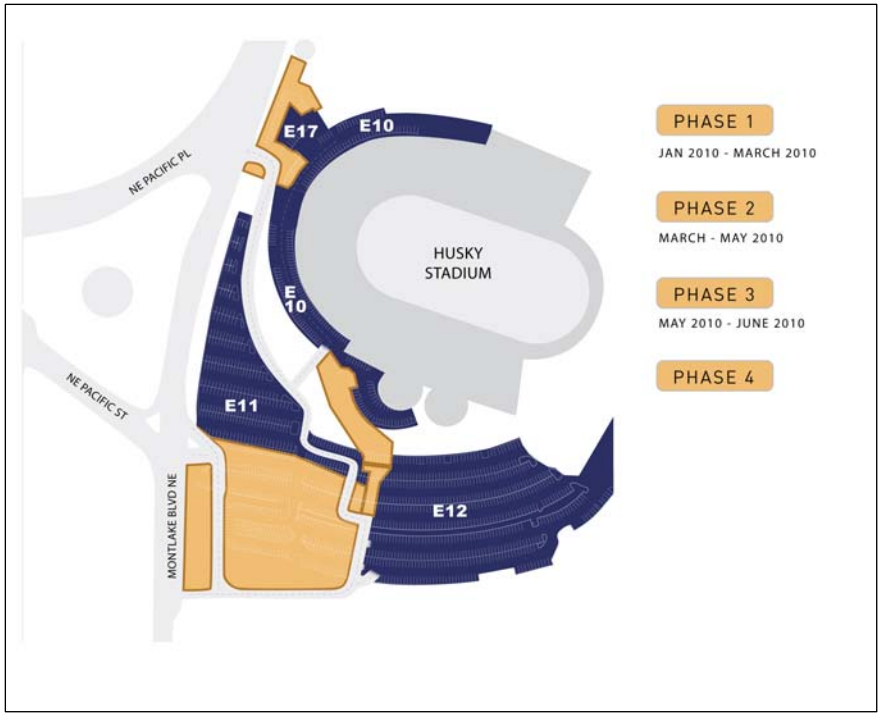
Phase 2

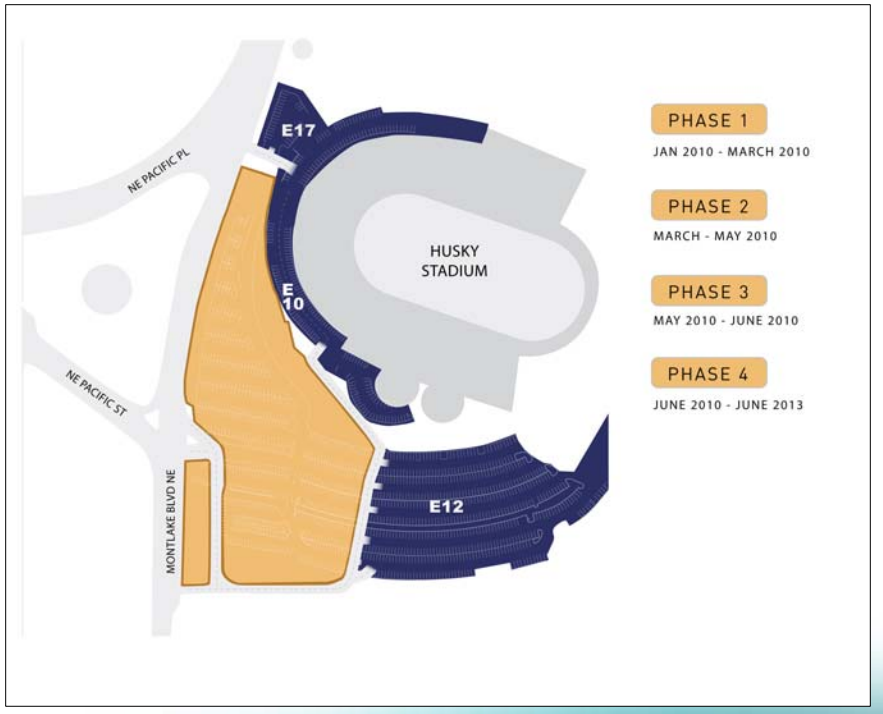
March 2010 – May 2010



Phases 3 & 4

May 2010 to June 2013





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Questions?

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Staying Informed

Quarterly Open Houses

Monthly electronic newsletters:
www.soundtransit.org/subscribe

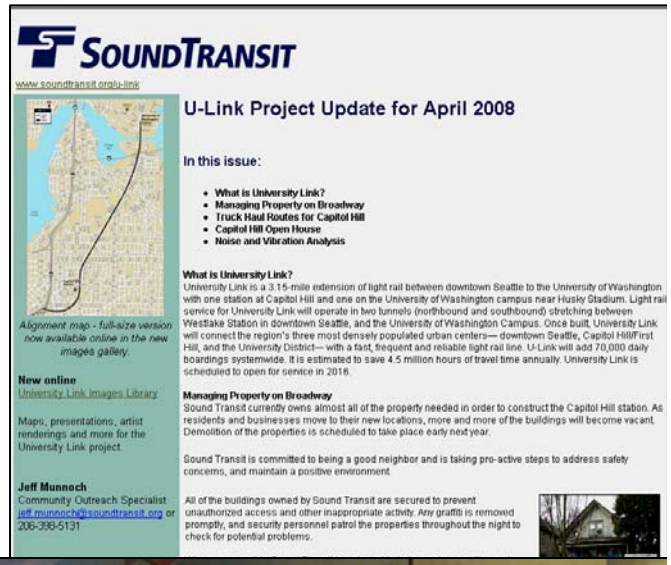
Sound Transit Website: www.soundtransit.org/UWstation

Printed and electronic construction alerts

Full time outreach staff

24 hour construction hotline: 1-888-298-2395

UW contact, Andy Casillas in Capital Projects Office
www.cpo.washington.edu


SOUNDTRANSIT

www.soundtransit.org/u-link

U-Link Project Update for April 2008

In this issue:

- What is University Link?
- Managing Property on Broadway
- Truck Haul Routes for Capitol Hill
- Capitol Hill Open House
- Noise and Vibration Analysis

Alignment map - full-size version now available online in the new images gallery.

New online
University Link Images Library

Maps, presentations, artist renderings and more for the University Link project.

Jeff Munnoch
Community Outreach Specialist
jeff.munnoch@soundtransit.org or 206-398-5131

What is University Link?
University Link is a 3.15-mile extension of light rail between downtown Seattle to the University of Washington with one station at Capitol Hill and one on the University of Washington campus near Husky Stadium. Light rail service for University Link will operate in two tunnels (northbound and southbound) stretching between Westlake Station in downtown Seattle, and the University of Washington Campus. Once built, University Link will connect the region's three most densely populated urban centers— downtown Seattle, Capitol Hill/First Hill, and the University District— with a fast, frequent and reliable light rail line. U-Link will add 70,000 daily boardings systemwide. It is estimated to save 4.5 million hours of travel time annually. University Link is scheduled to open for service in 2016.

Managing Property on Broadway
Sound Transit currently owns almost all of the property needed in order to construct the Capitol Hill station. As residents and businesses move to their new locations, more and more of the buildings will become vacant. Demolition of the properties is scheduled to take place early next year.

Sound Transit is committed to being a good neighbor and is taking pro-active steps to address safety concerns, and maintain a positive environment.

All of the buildings owned by Sound Transit are secured to prevent unauthorized access and other inappropriate activity. Any graffiti is removed promptly, and security personnel patrol the properties throughout the night to check for potential problems.

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UNIVERSITY of WASHINGTON

Rainier Vista Pedestrian Bridge

Andy Casillas

University of Washington

UW Station Construction Meeting

December 2, 2009

RAINIER VISTA
RAMP UP
BIKE STORAGE
NE PACIFIC ST.
NE PACIFIC PL.
SURGERY PAVILION
MONTLAKE BLVD.
BUS SHELTER
BURKE GILMAN TRAIL
PEDESTRIAN BRIDGE
STATION HOUSE
STAIRS
VENT
VENT
EMERGENCY STAIRS
HUSKY STADIUM
PARKING TO BE RESTORED
MIT OF WORK
WORK BY OTHERS

UW Station Access Background

- Tri-agency (ST, SDOT, UW) study to review options for transit patrons to get from UW Station to campus
- Recommended Rainier Vista Plan with new signalized mid-block at-grade crossing of Montlake Boulevard. Now being evaluated
- UW is seeking design-build contractor bids to validate cost/feasibility of RV option

UNIVERSITY of WASHINGTON

SOURCES:
Rainier Vista Concept Plan
University of Washington
(June 2008)
Michael Van Valkenburgh Assoc.

Sound Transit
Link Contract U 250
UW Station Finishes (May 2009)

- FILLED DEPRESSION VIA CONSTRUCTION SPOILS
- BGT PEDESTRIAN/BIKE ACCESS TO CAMPUS
- PEDESTRIAN PATHS
- BGT BIKE THRUWAY
- PLAZA (see NORTH PLAN)
- DEPRESSED ROADWAY ON PACIFIC PLACE
- ADA ACCESSIBLE PATH TO PLAZA
- LANDBRIDGE OVER PACIFIC PLACE & BURKE GILMAN TRAIL
- ENHANCED RAINIER VISTA CORRIDOR PLANTING
- SOUND STATION CONNECTION TO MID-BLOCK CROSSING (see MID-BLOCK PLAN)
- ADA ACCESSIBLE PATH TO CAMPUS

N
NTS

UW SOUND TRANSIT STATION ACCESSIBILITY STUDY : OVERALL PLAN

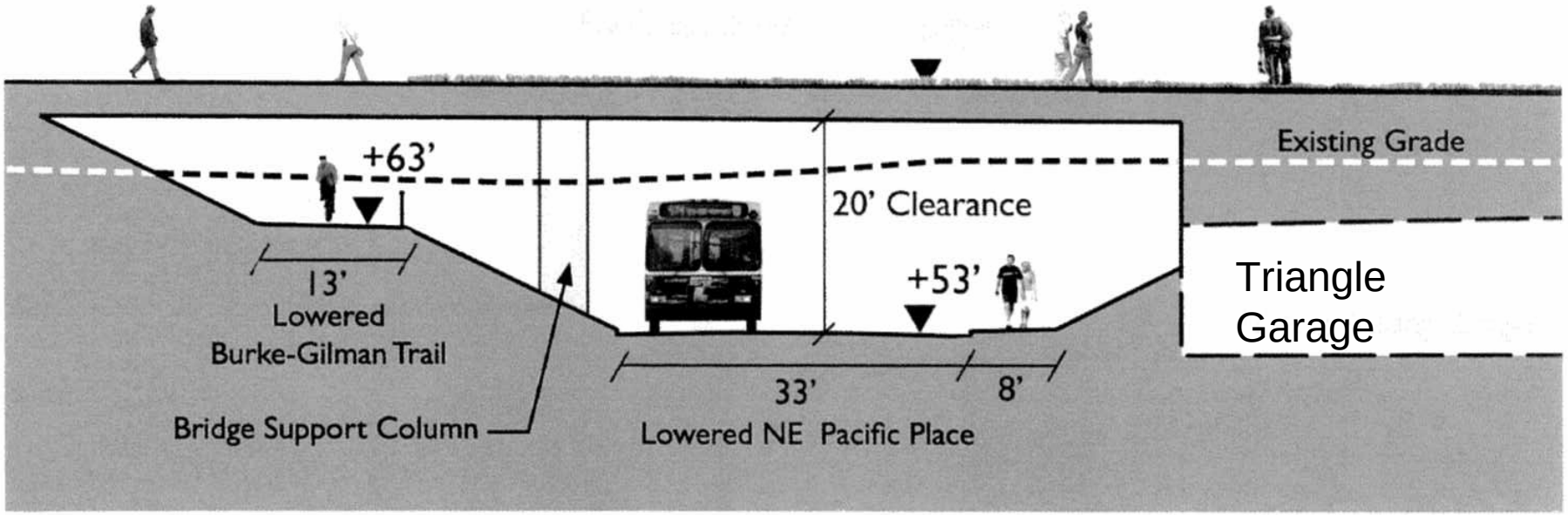
PREPARED BY SvR DESIGN COMPANY
JULY 2009
1 of 4

CAPITAL PROJECTS OFFICE
Finance & Facilities

Rainier Vista Bridge - Scope

- Lower NE Pacific Pl roadway
  - Continuous lane widths along Pacific Place
- Construct pedestrian bridge ~100’ x 100’
  - Realign BG Trail for grade separated path
  - Build over lowered Pacific Pl roadway
- Landscape done as a follow on to civil work

NE Pacific Place Crossing Concept



Looking East

RV Bridge - Scope, Continued

- Utility relocations
- Keep Pacific Pl open eastbound at all times
- Keep BG Trail open, detoured at all times
- Maximize Triangle garage operations
- Minimize impact to Metro bus operations

Rainier Vista Bridge – Approach

- Each agency (ST, SDOT, UW)would contribute to project funding
  - Agency agreement must be ratified by ST Board, City Council, UW Regents
  - Additional environmental, traffic safety analysis
  - WSDOT review of mid-block crossing
  - Final approval of RV funding will redesign ST station and delete bridge

Rainier Vista Bridge – Schedule

- RV pedestrian bridge option must coordinate with ST construction and not limit ST construction truck access
- Design-Build procurement will give quickest pricing for go/no-go decision
  - ST needs decision by early 2nd Quarter 2010
  - Design-Build proposals due late March 2010
  - UW to make decision

Rainier Vista Bridge - Schedule

- If project proceeds
  - Civil Contract award June 2010
  - Final landscape design and bid 2010
- Civil work can not start prior to Spring 2011
  - SDOT 45th Street Viaduct closure June-Sept 2010
  - Husky football Sept-Dec
  - Start of work to coordinate with Metro bus route service changes Feb, Jun & Sept

Questions?